



07-22-04 IFW & RCE 2814

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.: 09/903,059 Confirmation No.: 9375
First Named Inventor: Bulucea, Constantin Filing Date: 10 July 2001
Group Art Unit: 2814 Examiner: Farhani, D.
Atty. Docket No.: NS-4971 US
Title: Gate-Enhanced Junction Varactor
Assignee(s): National Semiconductor Corporation

Mountain View, California
21 July 2004

**MAIL STOP RCE
COMMISSIONER FOR PATENTS
PO Box 1450
Alexandria, Virginia 22313-1450**

**REQUEST FOR CONTINUED EXAMINATION
UNDER 37 CFR 1.114**

Sir:

This is a Request for Continued Examination ("RCE") of the above patent application under 37 CFR 1.114.

Please enter or/and consider each following document which is enclosed or was previously submitted:

1. Preliminary Amendment dated 21 July 2004.

The RCE fee required under 37 CFR 1.17(e) is authorized in an accompanying transmittal letter.

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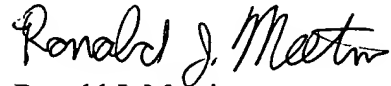
07/23/2004 HAL 111 00000079 502641 09903059
01 FC:1801 770.00 DA

Please telephone Attorney for Applicant(s) at 650-964-9767 if there are any questions.

EXPRESS MAIL LABEL NO.:

EV 337 115 985 US

Respectfully submitted,



Ronald J. Meetin
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21 July 2004

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Application No.:	09/903,059	Confirmation No.:	9375
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Title:	Gate-Enhanced Junction Varactor		
Assignee(s):	National Semiconductor Corporation		

Sir:

Transmitted herewith are the following documents for the above patent application:

1. Return Receipt Postcard;
2. This Transmittal Letter (in duplicate);
3. Preliminary Amendment (32 pp.); and
4. RCE (2 pp.).

☒ The fee has been calculated as shown below:

CLAIMS AS AMENDED

	Claims Remaining <u>After Amendment</u>		Highest No. Previously <u>Paid For</u>		Present <u>Extra</u>		<u>Rate</u>	<u>Additional Fee</u>
Total Claims	106	Minus	72	=	34	x	\$18.00	\$ 612.00
Independent Claims	9	Minus	7	=	2	x	\$86.00	\$ 172.00
<input type="checkbox"/>	Fee of \$280 for the first filing of one or more multiple dependent claims							\$
<input type="checkbox"/>	Fee for Request for Extension of Time (month(s)).							\$
<input checked="" type="checkbox"/>	Fee for Request for Continued Examination							\$ 770.00
<u>Total additional fee for this Amendment:</u>								<u>\$ 1,554.00</u>
<input checked="" type="checkbox"/>	Please charge Deposit Account No. 502641 in the amount of							<u>\$ 1,554.00</u>
<input checked="" type="checkbox"/>	Conditional Petition for Extension of Time: If an extension of time is required, the Commissioner is authorized to deduct the necessary fee from Deposit Account No. 502641.							
<input checked="" type="checkbox"/>	Also, charge any additional fees required and credit any overpayment to Deposit Account No. 502641.							

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PRELIMINARY AMENDMENT

Sir:

Responsive to the Office Action mailed 21 April 2004, please amend the above patent application in the following manner.

IN THE CLAIMS

Amend Claims 17, 23, 33, 34, 41, 42, 54, 62, and 64 and add Claims 89 - 122 so that the claims are as follows:

1 - 16. (Canceled)

17. (Currently amended) A structure comprising a varactor which comprises:
a plate region and a body region of a semiconductor body, the body region being of a first conductivity type, the plate region being of a second conductivity type opposite to the first conductivity type, the plate and body regions meeting each other to form a p-n junction;

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02 FC:1202
03 FC:1201

12.00 DA
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